Index of Claims

| | Appl | ication/ | Contro | I No. |
|--|------|----------|--------|-------|
|--|------|----------|--------|-------|

10/717,305

Examiner

Applicant(s)/Patent under Reexamination

IMAI ET AL.

Art Unit

CHAN S. PARK

2625

Rejected Allowed

(Through numeral) Cancelled

Restricted

Non-Elected, N

Interference

Appeal Α

0 Objected

| | | | | | | | | | _ | | 1 | | | | | | | | | | | |
|----------|------------|----------|--|--|--|--------------|--|--------------|--|--|----|-------|----------|-----------------|---|----------|----------|----------|--------------|----------|---|--|
| Cla | aim | L | _ | _ | | Dat | e | _ | | , | | Cla | aim | Щ, | | | | Dat | e_ | 1 | _ | _ |
| Final | Original | 7127/07 | 12/31/07 | | | | | | | | | Final | Original | | | | | | | | | |
| | <u>(1)</u> | 1 | 1 | - | 1 | | | | | | 1 | | 51 | П | | | | | \vdash | Г | <u> </u> | ┢ |
| | 2 | 1 | 1 | Π. | | | | | | | 1 | | 52 | | | | | | П | Г | Г | Γ |
| | 3 | 1 | 1 | | | | П | | | | | | 53 | | | | | | | | | |
| | 4 | 1 | 1 | | | | | | | |] | | 54 | | | Ì | | | | | | |
| | 5 | 1 | 1 | | | | | | | | | | 55 | | | | | | | | | |
| | © | 1 | 1 | | | _ | _ | L | <u>L</u> | _ | | | 56 | Ш | | | | L | L | | _ | L |
| | (2) | V | 1 | L | <u> </u> | <u> </u> | <u> </u> | | | _ | | | 57 | | | | _ | <u> </u> | <u> </u> | <u> </u> | Ļ | 1 |
| | <u>®</u> | 1 | 1 | | _ | _ | _ | <u>_</u> | _ | <u> </u> | | | 58 | | | | <u> </u> | _ | <u> </u> | <u> </u> | <u> </u> | 1 |
| | | _ | <u> </u> | | <u> </u> | ├ | <u> </u> | <u> </u> | <u> </u> | L | | | 59 | Н | | | | <u> </u> | <u> </u> | <u> </u> | ⊢ | - |
| <u> </u> | 10 | | <u> </u> | ļ | - | ├ | <u> </u> | - | <u> </u> | _ | | | 60 | - | _ | _ | <u> </u> | ⊢ | ⊢ | ├- | ├- | - |
| | 11 | - | _ | | - | ┢ | ├ | <u> </u> | | - | ł | | 61 | Н | | | | ┝ | ┝ | ├— | - | ╀ |
| | 12 | \vdash | ├ | - | | - | ├ | ├ | | ┝ | l | | 62 | Н | | | - | ├ | | ├ | ⊢ | ⊢ |
| <u> </u> | 13 14 | - | ⊢ | | ┢ | \vdash | ⊢ | ⊢ | \vdash | - | 1 | | 63 64 | - | - | | - | H | ┝ | ┢ | ├- | - |
| | 15 | - | ┢ | ┢ | ╁ | ├ | ├ | - | | ⊢ | 1 | | 65 | \vdash | _ | \vdash | \vdash | - | ├─ | ├ | ⊢ | ⊢ |
| _ | 16 | - | | - | \vdash | \vdash | \vdash | | \vdash | ┢ | ' | | 66 | Н | | | | ├- | ┢┈ | | ⊢ | ⊢ |
| | 17 | - | | \vdash | ╁ | ╫┈ | - | ├ | | - | 1 | | 67 | H | | | \vdash | \vdash | ┢ | \vdash | ╁ | ╁ |
| - | 18 | - | ┢ | \vdash | \vdash | ┢ | \vdash | ┢ | - | ⊢ | | | 68 | \vdash | | | | | | H | ┢╌ | ┢╌ |
| _ | 19 | | ┢ | | | ┢ | - | - | | ┢━ | 1 | | 69 | \vdash | _ | | _ | \vdash | H | \vdash | ├ | 一 |
| | 20 | | - | - | ┢ | ├ | - | - | - | \vdash | ١. | | 70 | \vdash | | | - | - | - | - | - | H |
| | 21 | H | \vdash | \vdash | ╁ | ┢─ | ┢ | | _ | - | | | 71 | \vdash | | | \vdash | \vdash | H | \vdash | ┢ | ├~ |
| | 22 | \vdash | | \vdash | ╁ | | | - | _ | | 1 | | 72 | \vdash | | | | - | \vdash | \vdash | ╁ | ├ |
| | 23 | | | | t | T | | | | \vdash | | | 73 | \Box | | | | Т | T | | ┢ | |
| | 24 | \vdash | \vdash | - | 1 | ╁┈ | <u> </u> | T | | | | | 74 | | | | | | | | | |
| | 25 | | | | \vdash | | | | | | | | 75 | | | _ | | Г | Г | | Г | T |
| | 26 | | | | | 1 | - | <u> </u> | _ | \vdash | | | 76 | | | | | | | | \vdash | T |
| | 27 | | | | | Г | | Г | | | | | 77 | | | | Г | | Г | Г | | Г |
| | 28 | | | | Ī | • | | | | П | | | 78 | | | | П | | Π | | | Г |
| | 29 | | | | | | | | | | | | 79 | | | | _ | | П | | | Г |
| | 30 | | | | Π | Т | | | | | | | 80 | | | | | | Γ | | | Γ |
| | 31 | | | | | | | | | | | | 81 | | | | | | | | | |
| | 32 | | | | | П | | | | | | | 82 | | | | | | | | | |
| | 33 | | | | | Ŀ | | | | | | | 83 | | | | <u></u> | | | | | |
| | 34 | | | | | | | L | | <u></u> | | | 84 | | | | | L | <u> </u> | | 乚 | L |
| | 35 | | | _ | | | | L | | | | | 85 | | | | _ | _ | <u> </u> | <u>_</u> | $ldsymbol{ld}}}}}}$ | _ |
| <u></u> | 36 | | | <u> </u> | <u> </u> | L | | | | _ | | | 86 | | | | _ | _ | L | | <u> </u> | L |
| ļ | 37 | | | <u> </u> | | | | L | | <u>L</u> | | | 87 | | | | | _ | _ | _ | <u> </u> | L |
| <u> </u> | 38 | | \vdash | \vdash | | _ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | | 88 | | | | \vdash | <u> </u> | | | <u> </u> | 1 |
| <u> </u> | 39 | <u> </u> | <u> </u> | <u> </u> | <u> </u> | L_ | ļ | <u> </u> | <u> </u> | <u> </u> | | | 89 | \sqcup | | | <u> </u> | <u> </u> | <u> </u> | - | ⊢ | 1 |
| | 40 | \vdash | H | <u> </u> | - | <u> </u> | | | | - | | | 90 | $\vdash \vdash$ | | | <u> </u> | | - | - | \vdash | - |
| | 41 | | | \vdash | - | | _ | <u> </u> | \vdash | | | | 91 | $\vdash \vdash$ | | | | <u> </u> | <u> </u> | - | <u> </u> | \vdash |
| | 42 | _ | | <u> </u> | _ | \vdash | <u> </u> | <u> </u> | _ | | | | 92 | | - | | | - | ⊢ | \vdash | <u> </u> | ├- |
| - | 43 | - | | - | | - | - | \vdash | \vdash | \vdash | | | 93 | $\vdash \vdash$ | | | - | - | - | - | \vdash | \vdash |
| <u> </u> | | | - | | \vdash | \vdash | _ | \vdash | \vdash | \vdash | | | 94 95 | | | _ | ⊢ | ├ | \vdash | \vdash | ├ | - |
| - | 45 46 | - | - | - | - | - | \vdash | \vdash | \vdash | \vdash | | | 96 | | | - | \vdash | \vdash | \vdash | \vdash | ├- | \vdash |
| | 47 | \vdash | \vdash | | \vdash | - | - | | | | | | 96 | | | | - | - | - | - | \vdash | - |
| | 48 | \vdash | \vdash | \vdash | ├- | ├ | - | - | - | - | | | 98 | $\vdash \vdash$ | | | - | | | - | \vdash | + |
| <u> </u> | 48 | \vdash | ├─ | ├ | | | \vdash | \vdash | \vdash | \vdash | | | 99 | \vdash | | _ | \vdash | \vdash | \vdash | \vdash | | \vdash |
| <u> </u> | 50 | - | | ├─ | - | | \vdash | \vdash | | \vdash | | | 100 | \vdash | | | ├- | - | | \vdash | \vdash | \vdash |
| L | | Ь | L | 1 | <u> </u> | <u> </u> | L | <u> </u> | Щ. | L | ı | | 100 | L | | | | | _ | | <u> </u> | L |

| | Cla | Date | | | | | | | | | |
|---|-------|----------------|----------|--------------|----------------|----------------|--------------|--------------|----------|--------------|----------|
| | Final | Original | | | | | | | | | |
| | | 51 | | | | \vdash | \vdash | \vdash | \vdash | _ | |
| | | 52 | | _ | | | _ | _ | - | - | - |
| | | 51 52 53 | - | _ | | | \vdash | \vdash | _ | | - |
| - | | 54 | \vdash | \vdash | - | | | \vdash | _ | \vdash | \vdash |
| | | 55 | | - | | | | \vdash | _ | _ | - |
| | | 56 | | \vdash | ┢ | | | | | - | - |
| 1 | | 57 | | \vdash | | | | | - | | |
| ł | | 58 | | \vdash | - | | | | _ | \vdash | - |
| 1 | | 59 | | | | | | | | - | |
| 1 | | 60 | | | \vdash | | - | | - | | - |
| - | | 61 | _ | \vdash | \vdash | | | _ | _ | - | |
| 1 | | 62 | | \vdash | | | | _ | - | - | \vdash |
| ı | | 63 | | - | | - | | | _ | | |
| - | | 63 64 65 | | | | | | | | - | |
| - | | 65 | - | - | | \vdash | | | | _ | - |
| | | 66 | | | - | - | | - | | | |
| | | 66 67 | | | | | _ | - | | _ | |
| - | | 60 | | | | | | | | | |
| 1 | | 68 69 | \vdash | | | | | _ | | | |
| | | 70 | | | | | _ | | | | - |
| | | 70 | | _ | | | | | _ | | |
| | | 71 72 73 | | _ | _ | _ | _ | _ | | | |
| 1 | | 72 | | | | | | \vdash | | | |
| 1 | | 73 | | _ | \vdash | | | _ | | | |
| 1 | | 74 75 | | | | | _ | _ | | | - |
| | | 75 | | | - | | - | - | _ | | |
| 1 | | 76 77 | _ | | H | _ | _ | - | | | |
| } | | 70 | _ | | - | _ | _ | _ | _ | | _ |
| } | | 78 79 | | | | | | _ | - | | _ |
| 1 | | 79 | | | - | | _ | - | | | - |
| } | | 80 | | | | | | _ | _ | | _ |
| ł | | 81 | | | | | _ | _ | _ | | |
| 1 | | 82 | _ | | | | | <u> </u> | _ | | |
| | | 83 | | <u> </u> | - | | | | - | <u> </u> | - |
| ŀ | | 84 | _ | \vdash | \vdash | Н | | | - | | - |
| ł | | 85 86 | - | | - | | - | <u> </u> | | H | <u> </u> |
| 1 | | 00 | | \vdash | \vdash | \vdash | - | - | - | | |
| ŀ | | 87 | | - | - | \vdash | \vdash | \vdash | | | |
| ŀ | | 88 89 | | \vdash | \vdash | \vdash | \vdash | | | | |
| ŀ | | 90 | _ | | | - | | <u> —</u> | | H | \vdash |
| ŀ | | ~ - | | \vdash | \vdash | $\vdash\vdash$ | H | - | | \vdash | - |
| ŀ | | 91 | \vdash | - | | \vdash | - | \vdash | | H | H |
| ŀ | | 93 | | - | \vdash | \vdash | H | - | \vdash | | |
| ł | | | | | | \vdash | - | | - | \vdash | - |
| ŀ | | 94 95 | - | - | \vdash | \vdash | | \vdash | | | |
| ł | | 96 | | | \vdash | \vdash | \vdash | \vdash | | | - |
| ŀ | | 96 | | \vdash | <u> </u> | \vdash | | | - | | |
| ŀ | | 98 | | | - | | | | | - | _ |
| ŀ | | | - | | - | | <u> </u> | - | - | | \vdash |
| ŀ | | 99 | _ | | | \vdash | H | | H | | \vdash |

| Cli | Date | | | | | | | | | | |
|----------|--|---|----------|--|---|----------|--------------|----------|---|----------|--|
| Final | Original | | | | | | | | | | |
| <u> </u> | õ | | | | | | | | | | |
| | 101 | | | | | | | | | | |
| | 101 102 103 104 105 106 | | | | | | | | | | |
| | 103 | | | | | | | | | | |
| | 104 | | | | | | | | | | |
| | 105 | | | | | | | | | | |
| | 106 | | | | | | | | | | |
| | 107 | | | | | | | | | | |
| | 108 109 110 | | | | L | | | | | | |
| | 109 | | | | | | | | | | |
| | 110 | | | _ | | | | | | | |
| | 111 | | _ | | | | | | | | |
| | 112 | | | <u> </u> | | | | | | | |
| | 113 | | | <u> </u> | _ | | | _ | | | |
| ļ | 111 112 113 114 115 116 117 | | | <u> </u> | | | L | | | Щ | |
| <u> </u> | 115 | | | _ | | | | | | | |
| | 116 | | <u> </u> | <u> </u> | | | | | _ | \Box | |
| | 117 | | | <u> </u> | | _ | | | | | |
| | 118 | _ | _ | <u> </u> | _ | | | | _ | _ | |
| <u> </u> | 118 119 120 121 | _ | _ | <u> </u> | | | | _ | | | |
| | 120 | | | | | | | | | | |
| | 121 | | | | | | | | <u> </u> | | |
| | 122 | | | _ | | | | | | | |
| - | 123 | | _ | | | _ | _ | \vdash | _ | \dashv | |
| \vdash | 124 | _ | | | _ | | | _ | | | |
| | 126 | | _ | \vdash | | | | | | - | |
| - | 127 | | | | - | | | | | | |
| \vdash | 122 123 124 125 126 127 128 129 130 131 | | _ | | | | | - | | | |
| | 129 | | | | - | | | _ | | - | |
| \vdash | 130 | | _ | - | - | | - | | - | | |
| | 131 | | | | - | _ | | - | - | _ | |
| | 132 | | | \vdash | | | | | | П | |
| | 133 134 135 | | | \vdash | | | | _ | | | |
| | 134 | | _ | | | | | | | | |
| | 135 | | | \vdash | | | _ | | | | |
| | 136 137 138 | | | <u> </u> | Г | | | | | | |
| | 137 | | | | | | | | | | |
| | 138 | | | | | | | | | | |
| | 139 | | | | | | | | | | |
| | 140 | | | | | | | | | | |
| | 141 | | | | | | | | | | |
| | 142 | | | | | | \Box | | | | |
| | 143 | | | | | | | | | | |
| | 144 | | | | | | | | | | |
| | 145 | | | <u> </u> | | L. | Ш | | $oxed{oxed}$ | | |
| <u> </u> | 146 | | | | L | | | _ | L | | |
| | 147 | | | <u> </u> | $ldsymbol{le}}}}}}$ | | Ш | L | | | |
| | 148 | | ļ | <u> </u> | <u> </u> | | _ | | <u> </u> | | |
| | 149 | | ļ | <u> </u> | _ | <u> </u> | \vdash | | <u> </u> | | |
| | 150 | | L_ | l | ᆫ | | $oxed{oxed}$ | Ш | $ldsymbol{le}}}}}}}$ | | |